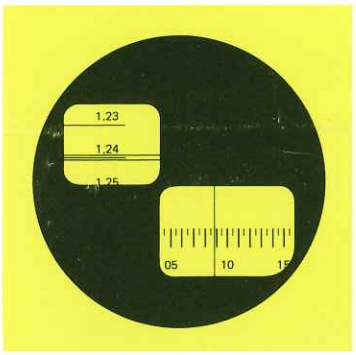
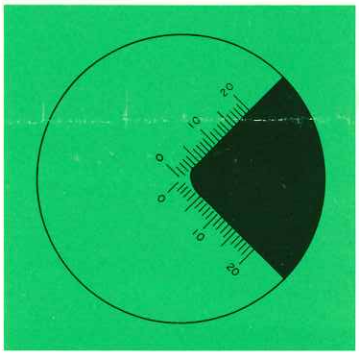
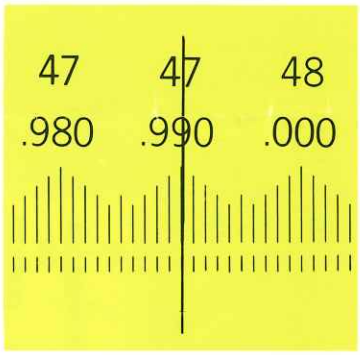
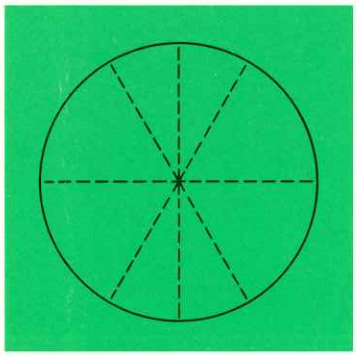
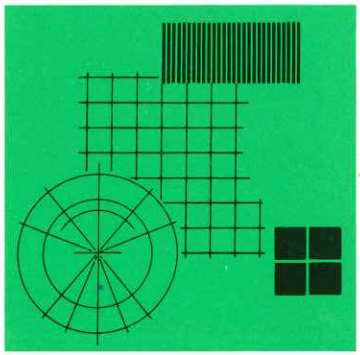
PRECISION MEASURING INSTRUMENTS

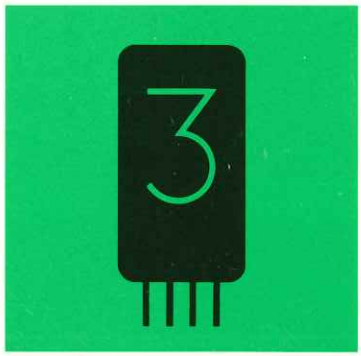




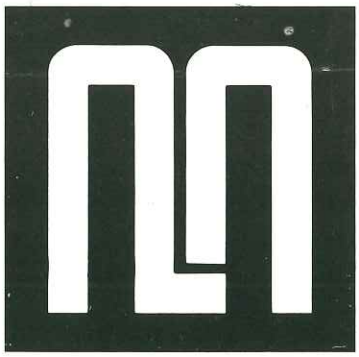


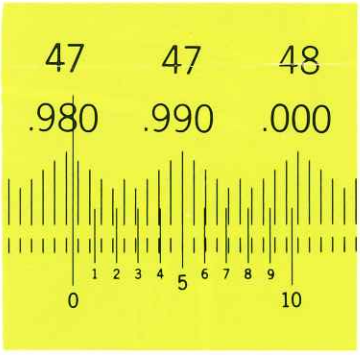


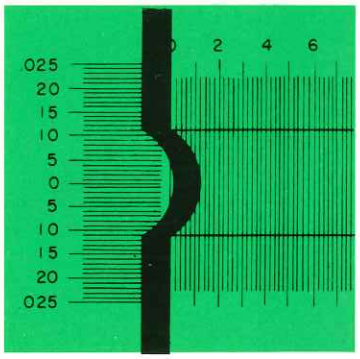


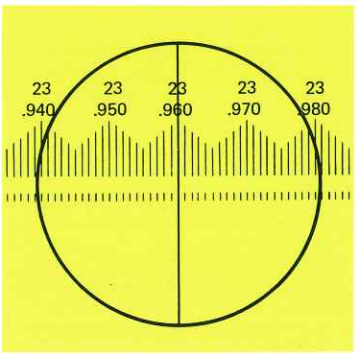


Here are brief descriptions and illustrations of measuring instruments and scales that will be extremely useful for your applications. If you desire full descriptions and prices send for catalogs listed at the end of each product description.





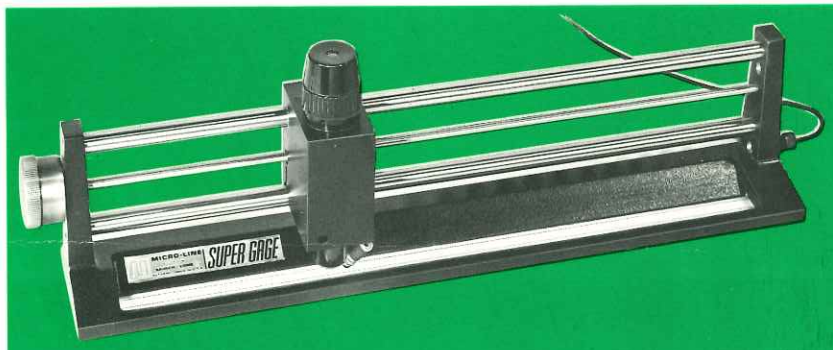


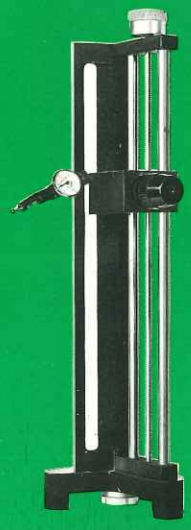


MICRO·LINE

VU-TRON

Electronic, digital, high speed measuring system completely independent of lead screw. It can be readily attached to any moving slide for instant position information. Vu-Tron System is based on high accuracy glass scales. Nixie tubes clearly display measuring information. Numerous models available in a wide range of accuracies. Output can be transferred to a data processing or N/C feedback system. Catalog 38-22-00.





SUPER GAGE

Instant readout, lightweight, portable. Measurements are made by placing a transparent glass scale with 1000 lines per inch over work. Accuracy to .0002". Quick conversion makes the Super Gage an optical height gage. Universally used in the fields of photography, electronics, tool and die, drafting and inspection. Catalog 38-21-000.

MEASURE-RITE

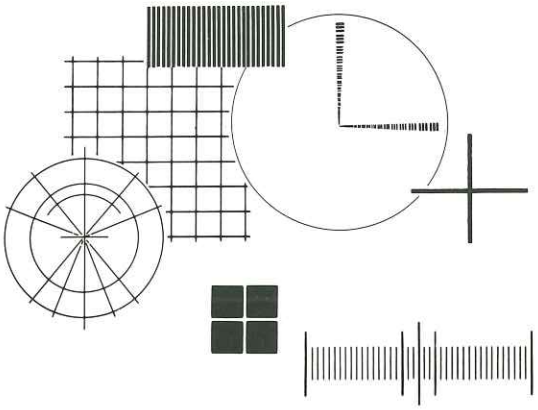
Optical measuring system engineered specifically for the Bridgeport Milling Machine. Accurate readout increases Bridgeport Milling Machine precision capability . . . even lets you do precision on center boring. Complete accurate settings can be made as fast as you can move machine table. Complete kit economically priced. Catalog MR-695.

DR OPTICAL GAGE

Gives direct, precise measurement of depth, heighth, thickness, diameter, taper, surface angularity and run-out without setting gage blocks or set gages. A variety of models available to suit your application. Accuracy range from 25 micro-inches to 50 micro-inches. Catalog 38-14-000.

PRECISION RULINGS SCALES AND GRIDS

Unique capability to produce high precision single line slits, parallel and cross line scales and grids, numbers, letters, special characters, circles, dots, arcs, multiple line Ronchi rulings, linear scales and eye piece reticles. All with exclusive "Chrome Line" vacuum-deposited, wear resistant lines. Stock and special orders. Catalog 38-36-00.



ACU-RITE - 5™ Patent Pending

An Electronic Digital Read-out incorporating the latest optical electronic technology. Accuracy is derived by sensing "chrome line" scales. Acu-Rite 5 is non-contacting, not affected by friction wear or backlash. Factory pre-aligned enables 30 minute installation. Full floating zero—accurate to .0005". Inch to metric conversion, pre-set and buffered out-put options available. Fits all makes of machines. Catalog 38-15.

FOR AS LITTLE AS

$995.00

COMPLETE 2 AXIS SYSTEM

SCRATCH DEPTH GAGE

Fast, accurate inexpensive instrument for measuring scratches, grooves, indentations to depths from .0002" to .016" with an accuracy of ± .0001" or 5% of depth, whichever is larger. Measures widths from .001" to .050" with an accuracy of ± .001". In addition, the instrument also clearly shows the contour of the indentation under examination, including edge burrs.
Catalog 38-2012.

PRECISIONIST

The Micro-Line scale with 1000 lines per inch and Precisionist Optical Reader is the only absolute direct reading optical measuring system. The Precisionist reads absolutely direct to .0001" and repeats to .000040". Designed for quick retrofit to your milling machine, jig borer or any slide movement. Completely independent of lead screw error. Catalog ML - 67-3.

DIE WEAR MICROSCOPE

Shows a precise profile of die edge. Measures die wear up to .020" to an accuracy of .001" under a magnification of 65X. Can be used in holes as small as 3/32" diameter or slots 3/16" wide. Measures bevels and burrs. The Die Wear Gage provides a means for obtaining substantially greater useful life from your dies. Catalog 38-2015.

MICRO·LINE DIVISION OF **BAUSCH & LOMB** JAMESTOWN, N Y 14701 716/488 1958

Catalog No. 38-00